SOUNDINGS IN FEET

13214

Formerly C&GS 358, 1st Ed., June 1967; C 1942 564

NOAA

NATIONAL OCEAN SERVICE

UNITED STATES–EAST COAST

RHODE ISLAND – CONNECTICUT – NEW YORK

FISHERS ISLAND SOUND

Mercator Projection
Scale 1:20,000 at Lat. 41°18'
North American Datum of 1983
(World Geodetic System of 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

New London, Conn.	KHB-47	162.55 MHz
Providence, RI	WXJ-39	162.40 MHz
Riverhead, N.Y.	WXM-80	162.475 MHz

NOTE B
These waterways are marked with numerous uncharted private aids.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, Mass., or at the Office of the District Engineer, Corps of Engineers, in Waltham, Mass.
Refer to charted regulation section numbers.

HYDROGRAPHY
The most recent basic hydrographic surveys used in the compilation of this chart were accomplished by the NOAA ship RAINIER (1977) and ship PEIRCE (1981).

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.356" northward and 1.737" eastward to agree with this chart.

LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on distance run on any units and the other on minutes run. Without changing divider spread, place right point on 60 and left point where minutes scale speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

TIDAL INFORMATION

Place	Heights referred to datum of soundings (MLW)			
	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Watch Hill Point	2.9	2.7	0.1	-3.5
Stonington	3.2	2.9	0.2	-3.5
Noank	2.8	2.5	0.2	-3.5
West Harbor, Fishers I	3.0	2.7	0.2	-3.5
Silver Eel Pond Fishers I.	2.8	2.5	0.2	-3.5

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical
Al alternating
B black
Bn beacon
C can
Dia diaphone
E en equal interval (occ)
F fixed
Fl flashing
G green
Gp group
H2 intensified sector
Iso isophase (E-W)
LT HO lighthouse
M nautical mile
m minutes
MICRO TR microwave tower
Mkr marker
No morse code
N nun
OBSC obscured
Oc occulting
Or orange
Q quick
R red
Ro RI radar reflector
R bn radiobeacon
R TR radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHIS whistle
Y yellow

Bottom characteristics

Bldr boulders
Br brown
Cy clay
Co coral
G green
Gns grass
gy grey
h hard
M mud
Oys oysters
Rk rock
S sand
sft soft
Sh shells
sy stony

Miscellaneous

AUTH authorized
ED evidence doubtful
Obscn observation
PA position approximate
PD position doubtful
Rep reported
Subm submerged

Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS International Regulations for Preventing Collisions at Sea, 1972.
Obstruction lines are shown thus

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service. Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

SMALL CRAFT WARNINGS
Small craft warnings will be displayed from sunrise to sunset from Suffolk County Marine Police Patrol Boats underway in the coastal and navigable inland waters of Suffolk County Long Island New York. For boating season only.

FISH TRAP AREAS
Boundary lines of fish trap areas are shown thus
Caution: Submerged piling may exist in these areas.

CAUTION
Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus

(Accurate location) (Approximate location)

WARNING
The accident-marker automatic-activating system (Emergency Position-Indicating Radio Beacon) of the U.S. Coast Guard is not shown.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

AIDS TO NAVIGATION
Aids to Navigation are maintained by the U.S. Coast Guard except as noted.

Nautical Miles
Yards

Mystic River
Pawcatuck River
Quamphegan Cove
Mystic Harbor
Noank
Mason Island
Fishers Island
Fishers Island Sound
Long Island Sound
Block Island Sound
Little Narragansett Bay
Stonington Harbor
Lords Point
Wequetequock Cove
Randall Neck
Napatree Beach
Watch Hill
Poquonock Bridge
West Mystic
Mystic
Stonington
Elizabeth Field
Race Rock
Hens and Chickens Reef
Eel Grass Ground
Middle Ground
Noyes Shoal
Ram I. Reef
Latimer Reef
Middle Clump
East Clump
West Clump
North Dumpling
South Dumpling
Flat Hammock
Middle Farm Pond
Island Pond
Barn Field Cove
Cadman Point
Cupola Point
Hawks Nest Pt
Willow Pt
Pine Pt
Spruce Pt
Sixpenny Pt
Clam Pt
Andrews Pt
Judges Pt
Lords Pt
Red Rock
Cormorant Rock
White Rock
Mouse I
Pine I
Bushy Pt
Wash Pt
Meadow Pt
Clay Pt
Hungry Pt
Brooks Pt
Nautaug Pt
Sandy Pt
Watch H
Elbow Ledge
Horseshoe Reef
Sculpmer Reef
Entrapped Rock
Latimer Reef
Yungs Rk
Seal Rks
Chesapeake
Gooses I
Whalebeck Rk
Tank
Spire
Standpipe
Radar Sta (Mt. Prospect)
Fixed Bridge
Swing Bridge
Bascule Bridge
Tunnel
Aero
Clock Tr
Tank (Highest of Two)
Tumble-down Dick
Twin Brothers
Lighted Whistle Buoy
Lighted Bell Buoy
Lighted Gong Buoy
Lighted Horn Buoy
Lighted Buoy
Whistle Buoy
Bell Buoy
Gong Buoy
Horn Buoy
Can Buoy
Nun Buoy
Spar Buoy
Mooring Buoy
Daybeacon
Submerged Rock
Obstruction
Wreck
Foul Ground
Foul Area
Rip
Overfalls
Ledge
Kelp
Sunken Rock
Submerged Piling
Dolphin
Pier
Wharf
Jetty
Breakwater
Boat Ramp
Boat Basin
Marina
Anchorage Area
Airport
Cable Area
Pipe Line Area
Dumping Ground
Spoil Area
Restricted Area
Danger Area
Prohibited Area
Bridge
Causeway
Tunnel
Ferry Route
Ferry Terminal
Power Line
Submarine Cable
Submarine Pipeline
Buildings
Church
Cemetery
Radio Tower
Water Tower
Tank
Flagstaff
Windmill
Lighthouse
Monument
Campground
Golf Course
Park
Woods
Marsh
Sand
Rocks
Beach
Cliff
Quarry
Dredged Area
Depth Curve
Depth Area
Submarine Canyon
Submarine Valley
Seamount
Trench
Escarpment
Continental Shelf
Continental Slope
Abyssal Plain
Abyssal Hill
Guyot
Atoll
Reef
Shoal
Rise
Ridge
Basin
Plateau
Peninsula
Island
Archipelago
Strait
Channel
Gulf
Bay
Sound
Harbor
Lake
River
Creek
Canal
Swamp
Glacier
Iceberg
Ice Floe
Ice Shelf
Ice Field
Ice Island
Ice Pack
Ice Ridge
Ice Tongue
Ice Wall
Ice Cap
Ice Sheet
Ice Shelf
Ice Field
Ice Island
Ice Pack
Ice Ridge
Ice Tongue
Ice Wall
Ice Cap
Ice Sheet

2nd Ed. Feb 1990
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CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard District to the date shown in the lower left-hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

SOUNDINGS IN FEET

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Formerly C&GS 358 1st Ed. June 1967 C-1942-564

Nautical Chart Catalog No. 1, Panel G

ED STATES–EAST COAST
ND–CONNECTICUT–NEW YORK
RS ISLAND SOUND

Mercator Projection
Scale 1:20,000 at Lat. 41°18'
North American Datum of 1983
(World Geodetic System of 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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ABBREVIATIONS: For complete list of Symbols and Abbreviations, see Chart No. 1.1

Aids to Navigation Lights are white unless otherwise indicated.

AERO aeronautical; Al alternating; Bl black; Bn beacon; C con; DIA diaphone; E int equal interval (flash); F fixed; Fl flashing; G green; Gp group; IQ interrupted quick; Iso isophase (E int); LT HO lighthouse; M nautical mile; m minutes; MICRO, TR microwave tower; Mkr marker; Mo morse code; Or orange; Q quick; R red; Ra Ref radar reflector; W white; Y yellow; R TR radio tower; Ruc rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; Wnd/S windsock; Y yellow.

Bottom characteristics: Bld boulders; bn broken; Cy clay; Co coral; G gravel; Gns grass; gy gray; M mud; Oys oysters; P pebbles; Rk rock; S sand; sh shells; sy stony; Mk obstruction; PD position doubtful; Sunk submerged; AUTH authorized; ED existence doubtful; RA position approximate; Rep reported; Wreck rock, obstruction, or shoal swept clear to the depth indicated; QG Rocks that cover and uncover; Heights in feet above datum of soundings.

COLREGS: International Regulations for Preventing Collisions at Sea, 1972. Demarcation lines are shown thus.

HEIGHTS

Heights in feet above Mean High Water

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Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

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Yards

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Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus.

○(Accurate location) ○(Approximate location)

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

PAWCATUCK RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYED TO APR 1967

NAME OF CHANNEL	CONTROLLING DEPTH FROM SOUNDED IN FEET AT MEAN LOWER LOW WATER		
	DEPTH MLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
CHANNEL ENTRANCE AT RHODES PT 72°-6'-0"W. 41°29'-54"N.	10	80 MID-WIDTH	04-65
THENCE TO A POINT IN 41°30'-13"N. 71°58'-51"W.	4.0	80 MID-WIDTH	04-65
THENCE TO WESTERLY	6.1	80	04-65

A THE CHANNEL HAS SHOALED TO 3.5 FEET IN APPROXIMATE POSITION 41°30'-07"N., 71°58'-05"W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

PREVIOUS LOWER WATER MARK

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

Buoys 19-27A are privately maintained.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

(Fishers Island Sound)

SOUNDINGS IN FEET - SCALE 1:20,000

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